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OM protein - protein search, using sw model

Run on: July 9, 2002, 12:18:25 ; Search time 106.06 Seconds  
(without alignments)  
16.593 Million cell updates/sec

Title: US-09-759-484-3  
Perfect score: 22  
Sequence: 1 AMVSE 5

Scoring table: BLOSUM62  
Gapop 10.0, Gapext 0.5

Searched: 3502263 seqs, 351980561 residues

Total number of hits satisfying chosen parameters: 3502263

Minimum DB seq length: 0  
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

#### Database :

Pending\_Patents\_AA\_Main.\*  
1: /cgn2\_6/ptodata/2/paa/PCTUS.COMB.pep.\*  
2: /cgn2\_6/ptodata/2/paa/US06.COMB.pep.\*  
3: /cgn2\_6/ptodata/2/paa/US07.COMB.pep.\*  
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25: /cgn2\_6/ptodata/2/paa/US102.COMB.pep.\*  
26: /cgn2\_6/ptodata/2/paa/US103.COMB.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	22	100.0	5	21	US-09-759-484-3
2	22	100.0	11	21	US-09-759-484-4
3	22	100.0	25	21	US-09-759-484-6
4	22	100.0	40	18	US-09-480-993-14
5	22	100.0	40	24	US-10-044-967-14
6	22	100.0	78	18	US-09-417-507-40089
7	22	100.0	88	22	US-09-834-366-16299

8	22	100.0	88	26	US-60-197-873-16299	Sequence 16299, A
9	22	100.0	97	20	US-09-620-394B-4378	Sequence 4378, Ap
10	22	100.0	98	19	US-09-595-298A-306	Sequence 306, App
11	22	100.0	109	19	US-09-540-235-2546	Sequence 2546, Ap
12	22	100.0	120	20	US-09-673-840A-163	Sequence 163, App
13	22	100.0	121	20	US-09-675-784A-9227	Sequence 9227, Ap
14	22	100.0	149	1	PCT-US01-08656-6479	Sequence 6475, Ap
15	22	100.0	149	1	PCT-US01-14827-10033	Sequence 10033, A
16	22	100.0	149	21	US-09-760-484-519	Sequence 519, App
17	22	100.0	152	20	US-09-620-394B-4377	Sequence 4377, Ap
18	22	100.0	153	19	US-09-595-298A-305	Sequence 305, App
19	22	100.0	155	20	US-09-620-394B-4376	Sequence 304, App
20	22	100.0	156	19	US-09-595-298A-304	Sequence 39318, A
21	22	100.0	167	20	US-09-614-150-39318	Sequence 29656, A
22	22	100.0	167	26	US-60-173-464-29696	Sequence 38944, A
23	22	100.0	167	26	US-60-191-637-38944	Sequence 30178, A
24	22	100.0	167	26	US-60-191-681-30178	Sequence 2936, Ap
25	22	100.0	186	1	PCT-US01-18569-2936	Sequence 4, App1
26	22	100.0	192	21	US-09-721-756-4	Sequence 15009, A
27	22	100.0	210	16	US-09-248-796-15009	Sequence 15009, A
28	22	100.0	210	26	US-60-096-409-15009	Sequence 524, App
29	22	100.0	212	21	US-09-760-484-524	Sequence 11628, A
30	22	100.0	238	24	US-10-015-127-11628	Sequence 8907, Ap
31	22	100.0	250	18	US-09-489-039A-8907	Sequence 11126, A
32	22	100.0	255	16	US-09-252-691C-11126	Sequence 24355, A
33	22	100.0	255	16	US-60-324-109-24355	Sequence 368, App
34	22	100.0	269	26	US-60-484-368	Sequence 21673, A
35	22	100.0	282	21	US-09-253-991A-21673	Sequence 7586, Ap
36	22	100.0	299	16	US-09-253-691C-7586	Sequence 12733, A
37	22	100.0	299	16	US-09-253-691C-7586	Sequence 4744, Ap
38	22	100.0	299	18	US-09-489-516-4744	Sequence 641, App
39	22	100.0	299	18	US-09-897-516-4744	Sequence 21932, A
40	22	100.0	314	22	US-60-215-161-4744	Sequence 6, App1
41	22	100.0	314	26	US-09-855-768-641	Sequence 1, App1
42	22	100.0	320	22	US-60-324-109-21932	
43	22	100.0	330	26	US-08-948-276-6	
44	22	100.0	346	13	US-08-948-276-6	
45	22	100.0	346	21	US-09-787-923-1	

#### ALIGNMENTS

RESULT 1  
US-09-759-484-3 Application US/09759484  
Sequence 3, Appli  
GENERAL INFORMATION:  
APPLICANT: William Harvey Research Limited  
TITLE OR INVENTION: Anti-inflammatory compounds  
FILE REFERENCE: P019602M0  
CURRENT APPLICATION NUMBER: US/09/759,484  
CURRENT FILING DATE: 2001-01-12  
NUMBER OF SEQ ID NOS: 8  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 3  
LENGTH: 5  
TYPE: PRT  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: synthetic  
OTHER INFORMATION: sequence  
US-09-759-484-3

Query Match 100.0%; Score 22; DB 21; Length 5;  
Best Local Similarity 100.0%; Pred. No. 3.2e+06;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AMVSE 5  
DB 1 AMVSE 5

RESULT 2  
US-09-759-484-4  
; Sequence 4, Application US/09759484  
; GENERAL INFORMATION:  
; APPLICANT: William Harvey Research Limited  
; TITLE OF INVENTION: Anti-Inflammatory compounds  
; FILE REFERENCE: P019602MO  
; CURRENT APPLICATION NUMBER: US/09/759,484  
; CURRENT FILING DATE: 2001-01-12  
; NUMBER OF SEQ ID NOS: 8  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 4  
; LENGTH: 11  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: synthetic  
US-09-759-484-4

Query Match 100.0%; Score 22; DB 21; Length 11;  
Best Local Similarity 100.0%; Pred. No. 23;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AMVSE 5  
Db 1 AMVSE 5

RESULT 3  
US-09-759-484-6  
; Sequence 6, Application US/09759484  
; GENERAL INFORMATION:  
; APPLICANT: William Harvey Research Limited  
; TITLE OF INVENTION: Anti-Inflammatory compounds  
; FILE REFERENCE: P019602MO  
; CURRENT APPLICATION NUMBER: US/09/759,484  
; CURRENT FILING DATE: 2001-01-12  
; NUMBER OF SEQ ID NOS: 8  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 6  
; LENGTH: 25  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: synthetic  
US-09-759-484-6

Query Match 100.0%; Score 22; DB 21; Length 25;  
Best Local Similarity 100.0%; Pred. No. 61;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AMVSE 5  
Db 1 AMVSE 5

RESULT 4  
US-09-480-993-14  
; Sequence 14, Application US/09480993  
; GENERAL INFORMATION:  
; APPLICANT: Shokat, Kevan M.  
; TITLE OF INVENTION: High Affinity Kinase Inhibitors for Target Validation  
; FILE REFERENCE: 51538-5001-US  
; CURRENT APPLICATION NUMBER: US/09/480,993  
; CURRENT FILING DATE: 2000-01-11  
; EARLIER APPLICATION NUMBER: US 60/115,340  
; EARLIER FILING DATE: 1999-01-11  
; NUMBER OF SEQ ID NOS: 20

; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 14  
; LENGTH: 40  
; TYPE: PRT  
; ORGANISM: Rous sarcoma virus  
; FEATURE:  
; OTHER INFORMATION: v-Src kinase  
US-09-480-993-14

Query Match 100.0%; Score 22; DB 18; Length 40;  
Best Local Similarity 100.0%; Pred. No. 1,1e+02;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AMVSE 5  
Db 10 AMVSE 14

RESULT 5  
US-10-044-967-14  
; Sequence 14, Application US/10044967  
; GENERAL INFORMATION:  
; APPLICANT: Shokat, Kevan M.  
; TITLE OF INVENTION: High Affinity Kinase Inhibitors for Target Validation  
; FILE REFERENCE: 51538-5001-US  
; CURRENT APPLICATION NUMBER: US/10/044,967  
; CURRENT FILING DATE: 2002-01-15  
; PRIOR APPLICATION NUMBER: 09/480,993  
; PRIOR FILING DATE: 2000-01-11  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/115,340  
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-01-11  
; NUMBER OF SEQ ID NOS: 20  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 14  
; LENGTH: 40  
; TYPE: PRT  
; ORGANISM: Rous sarcoma virus  
; FEATURE:  
; OTHER INFORMATION: v-Src kinase  
US-10-044-967-14

Query Match 100.0%; Score 22; DB 24; Length 40;  
Best Local Similarity 100.0%; Pred. No. 1,1e+02;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AMVSE 5  
Db 10 AMVSE 14

RESULT 6  
US-09-417-507-40089  
; Sequence 40089, Application US/09417507  
; GENERAL INFORMATION:  
; APPLICANT: KEITH G. WEINSTOCK ET AL.  
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO ASPERGILLUS  
; FILE REFERENCE: P47H99-10  
; CURRENT APPLICATION NUMBER: US/09/417,507  
; CURRENT FILING DATE: 1999-10-14  
; NUMBER OF SEQ ID NOS: 44312  
; SEQ ID NO 40089  
; LENGTH: 78  
; TYPE: PRT  
; ORGANISM: A.fumigatus  
US-09-417-507-40089

Query Match 100.0%; Score 22; DB 18; Length 78;  
Best Local Similarity 100.0%; Pred. No. 2,3e+02;

Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AMVSE 5  
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Db 59 AMVSE 63

RESULT 7

US-09-834-366-16299

; Sequence 16299, Application US/09834366

; GENERAL INFORMATION:

; APPLICANT: Bejain, Stephane

; APPLICANT: Tanaka, Hiroaki

; APPLICANT: Dumas Milne Edwards, Jean Baptiste

; APPLICANT: Jobert, Severin

; APPLICANT: Giordano, Jean-Yves

; TITLE OF INVENTION: ESTs and Encoded Human Proteins.

; FILE REFERENCE: 81.US2.REG

; CURRENT APPLICATION NUMBER: US/09/834,366

; PRIOR FILING DATE: 2001-04-13

; PRIOR APPLICATION NUMBER: US 60/197,873

; NUMBER OF SEQ ID NOS: 52153

; SOFTWARE: Patent.pm

; SEQ ID NO 16299

; LENGTH: 88

; TYPE: PRT

; ORGANISM: Homo sapiens

US-09-834-366-16299

Query Match 100.0%; Score 22; DB 22; Length 88;

Best Local Similarity 100.0%; Pred. No. 2.7e+02;

Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AMVSE 5  
|||||

Db 2 AMVSE 6

RESULT 8

US-60-197-873-16299

; Sequence 16299, Application US/60197873

; GENERAL INFORMATION:

; APPLICANT: Bejain, Stephane

; APPLICANT: Tanaka, Hiroaki

; APPLICANT: Dumas Milne Edwards, Jean Baptiste

; APPLICANT: Jobert, Severin

; APPLICANT: Giordano, Jean-Yves

; TITLE OF INVENTION: ESTs and Encoded Human Proteins.

; FILE REFERENCE: 81.US1.PRO

; CURRENT APPLICATION NUMBER: US/60/197,873

; PRIOR FILING DATE: 2000-04-18

; NUMBER OF SEQ ID NOS: 52153

; SOFTWARE: Patent.pm

; SEQ ID NO 16299

; LENGTH: 88

; TYPE: PRT

; ORGANISM: Homo sapiens

US-60-197-873-16299

Query Match 100.0%; Score 22; DB 26; Length 88;

Best Local Similarity 100.0%; Pred. No. 2.7e+02;

Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AMVSE 5  
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Db 2 AMVSE 6

RESULT 9

US-09-620-394B-4378

; Sequence 4378, Application US/09620394B

; GENERAL INFORMATION:

; APPLICANT: ALEXANDROV, Nikolai

; APPLICANT: BROVER, Vyacheslav

; TITLE OF INVENTION: Sequence-Determined DNA Fragments and Corresponding Polypeptide

; FILE REFERENCE: 2750-1067P

; CURRENT APPLICATION NUMBER: US/09/620,394B

; PRIOR FILING DATE: 2000-07-21

; NUMBER OF SEQ ID NOS: 9131

; SEQ ID NO 4378

; LENGTH: 97

; TYPE: PRT

; ORGANISM: Arabidopsis thaliana

; FEATURE:

; NAME/KEY: misc\_feature

; LOCATION: 1..97

; OTHER INFORMATION: Xaa is any amino acid

; NAME/KEY: misc\_feature

; LOCATION: 1..97

; OTHER INFORMATION: Ceres Seq. ID 1389404

US-09-620-394B-4378

Query Match 100.0%; Score 22; DB 20; Length 97;

Best Local Similarity 100.0%; Pred. No. 3e+02;

Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AMVSE 5  
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Db 75 AMVSE 79

RESULT 10

US-09-595-298A-306

; Sequence 306, Application US/09595298A

; GENERAL INFORMATION:

; APPLICANT: ALEXANDROV, Nikolai

; APPLICANT: BROVER, Vyacheslav

; TITLE OF INVENTION: Sequence-Determined DNA Fragments and Corresponding Polypeptide

; FILE REFERENCE: 2750-0953P

; CURRENT APPLICATION NUMBER: US/09/595,298A

; PRIOR FILING DATE: 2000-06-16

; NUMBER OF SEQ ID NOS: 2756

; SOFTWARE: Patent version 3.0

; SEQ ID NO 306

; LENGTH: 98

; TYPE: PRT

; ORGANISM: Arabidopsis thaliana

; FEATURE:

; NAME/KEY: peptide

; LOCATION: (1)..(98)

; OTHER INFORMATION: Ceres Seq. ID no. 1023991

; NAME/KEY: misc\_feature

; LOCATION: (1)..(1)

; OTHER INFORMATION: Xaa is any aa, unknown or other

US-09-595-298A-306

Query Match 100.0%; Score 22; DB 19; Length 98;

Best Local Similarity 100.0%; Pred. No. 3.1e+02;

Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AMVSE 5  
|||||

Db 75 AMVSE 79

RESULT 11

US-09-540-236-2546

; Sequence 2546, Application US/09540236

; GENERAL INFORMATION:

APPLICANT: Gary L. Breton et al.  
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO MORAXELLA CATAR  
TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS  
FILE REFERENCE: 2709.2005-001  
CURRENT APPLICATION NUMBER: US/09/540,236  
CURRENT FILING DATE: 2000-04-04  
NUMBER OF SEQ ID NOS: 3840  
SEQ ID NO 2546  
LENGTH: 109  
TYPE: PRT  
ORGANISM: M.catarrhalis  
US-09-340-236-2546

Query Match 100.0%; Score 22; DB 19; Length 109;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 AMVSE 5  
Db 25 AMVSE 29

RESULT 12  
US-09-673-840A-163  
Sequence 163, Application US/09673840A  
GENERAL INFORMATION:  
APPLICANT: SPECHT, THOMAS  
APPLICANT: HINZMANN, BERND  
APPLICANT: SCHMITT, ARMIN  
APPLICANT: PILARSKY, CHRISTIAN  
APPLICANT: DAHL, EDGAR  
APPLICANT: ROSENTHAL, ANDRE  
TITLE OF INVENTION: HUMAN NUCLEIC ACID SEQUENCES FROM NORMAL BLADDER TISSUE  
FILE REFERENCE: ALBRE 5  
CURRENT APPLICATION NUMBER: US/09/673,840A  
CURRENT FILING DATE: 2000-10-23  
NUMBER OF SEQ ID NOS: 433  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 163  
LENGTH: 120  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-673-840A-163

Query Match 100.0%; Score 22; DB 20; Length 120;  
Best Local Similarity 100.0%; Pred. No. 3.9e+02;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 AMVSE 5  
Db 29 AMVSE 33

RESULT 13  
US-09-675-784A-9227  
Sequence 9227, Application US/09675784A  
GENERAL INFORMATION:  
APPLICANT: HARE, ROBERTA S.  
APPLICANT: SHAW, KAREN J.  
APPLICANT: KESSLER, MARCO  
APPLICANT: NOLLING, JORK  
APPLICANT: ZENG, QIANDONG  
APPLICANT: GREENE, JONATHAN R.  
TITLE OF INVENTION: ASPERGILLUS FUNIGATUS NUCLEIC ACIDS AND POLYPEPTIDES,  
TITLE OF INVENTION: AND USES THEREFOR  
FILE REFERENCE: 2976-4020US1  
CURRENT APPLICATION NUMBER: US/09/675,784A  
CURRENT FILING DATE: 2000-09-29  
PRIOR APPLICATION NUMBER: 60/156,338  
PRIOR FILING DATE: 1999-09-29

NUMBER OF SEQ ID NOS: 13925  
SEQ ID NO 9227  
LENGTH: 121  
TYPE: PRT  
ORGANISM: Aspergillus fumigatus  
US-09-675-784A-9227

Query Match 100.0%; Score 22; DB 20; Length 121;  
Best Local Similarity 100.0%; Pred. No. 3.9e+02;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 AMVSE 5  
Db 102 AMVSE 106

RESULT 14  
PCT-US01-08656-6479  
Sequence 6479, Application PC/TUS0108656  
GENERAL INFORMATION:  
APPLICANT: Hyseq, Inc  
FILE REFERENCE: 21272-066  
CURRENT APPLICATION NUMBER: PCT/US01/08656  
CURRENT FILING DATE: 2001-04-16  
PRIOR APPLICATION NUMBER: 09/522,929  
PRIOR FILING DATE: 2000-04-16  
PRIOR APPLICATION NUMBER: 09/770,160  
PRIOR FILING DATE: 2001-01-26  
NUMBER OF SEQ ID NOS: 10994  
SOFTWARE: Custom  
SEQ ID NO 6479  
LENGTH: 149  
TYPE: PRT  
ORGANISM: Homo sapiens  
PCT-US01-08656-6479

Query Match 100.0%; Score 22; DB 1; Length 149;  
Best Local Similarity 100.0%; Pred. No. 5e+02;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 AMVSE 5  
Db 60 AMVSE 64

RESULT 15  
PCT-US01-14827-10033  
Sequence 10033, Application PC/TUS0114827  
GENERAL INFORMATION:  
APPLICANT: Hyseq, Inc  
TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND POLYPEPTIDES  
FILE REFERENCE: 21272-104  
CURRENT APPLICATION NUMBER: PCT/US01/14827  
CURRENT FILING DATE: 2001-05-16  
PRIOR APPLICATION NUMBER: 09/577,408  
PRIOR FILING DATE: 2000-05-18  
NUMBER OF SEQ ID NOS: 16102  
SOFTWARE: Custom  
SEQ ID NO 10033  
LENGTH: 149  
TYPE: PRT  
ORGANISM: Homo sapiens  
PCT-US01-14827-10033

Query Match 100.0%; Score 22; DB 1; Length 149;  
Best Local Similarity 100.0%; Pred. No. 5e+02;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 AMVSE 5

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Db 60 AMVSE 64

Search completed: July 9, 2002, 12:22:07  
Job time: 222 sec

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